rmy Is Only Producer of Plastic Explosive Used in Bombs

By DAVID BURNHAM

he Defense Department said erday that the Army was sole United States manu- rer of the explosive that, rding to the police here, placed in front of the ch tourist office in Rocke- r Center and the Mexican sulate in Newark.

he explosive material in the bs is not manufactured by private company and is available through regular mercial channels. Explosive rial of a similar type h became known as "plas- was used by terrorists in ce during the Algerian

e bombs found at the ch and Mexican offices last week are the only es recovered during the nt series of explosions began in the New York three months ago.

police said both of the ered bombs were made an off-white putty-like ial. C4, which stands for osition 4, is an improve- of an explosive material oped by the United States during World War II.

Defense Department sman said the only pro- of C4 in the United was the Holston Army nition Plant in Kings- enn.

is produced in-house by my and is not available rcially in this country," okesman said.

said the explosive ma- was guarded during acture and shipment and in "locked bunkers with- ed and guarded ammu- storage areas."

rding to the spokesman, ount of C4 produced by my and the names of the t which it is stored are secrets. Persons who been assigned to such as Fort Dix, N. J., and Fort Bragg, N. C., have said C4 is kept at these bases for training.

Large amounts of C4 also are stored and used in Vietnam.

C4 is also manufactured by the governments of other countries, including Britain and West Germany. According to officials at E. I. du Pont de Nemours & Co.—a major manufacturer of explosives and other chemicals — it is not available through commercial channels anywhere in the world.

Despite the lack of commercial outlets, however, significant quantities of C4 or its earlier version have found their way into the hands of unauthorized persons during the years since its development. Explosives experts of the 149th Ordnance Detachment at Edgewood Arsenal, in Maryland, said that the effects of C4 could be more devastating than those of commercial dynamite because of its faster ignition and greater penetrating power.

Dynamite exploded under a tree stump, they said, would life the stump out of the air; an equal amount of C4 would not only remove the stump, it would also blow it to pieces.

Another demolition expert said the effect of dynamite could be compared with shoving a man with both hands while the effect of C4 was like punching him on the jaw.

C4 is extremely stable and, unlike dynamite, does not deteriorate in hot, muggy weather; it is therefore considered very useful for military and guerrilla operations. Also, the plastic C4 can be shaped by hand and made to fit into any nook.

C4 is considered difficult to manufacture in a small laboratory.

Twelve bombs have been planted in the New York area since April 22. Ten have gone off, leaving few clues for Police Department laboratory technicians.

An exception was the ex-

ZED AFTER BAR HIT BY FIREBOMB

men were arrested yes- after the fire-bombing of Village tavern in which n was hurt. Later two were held in connection reet fighting that fol- he bombing.

Dorsey, 31 years old, of kirk Street, Jersey City, ned on both legs when ov cocktail was tossed the window of Joe & ar & Grill, 144 Avenue nth Street. He was re- satisfactory condition ue Hospital.

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Found Outside 2 Foreign Offices Her

plosion Sunday night at the Jefferson Bookshop, on East 16th Street, where fragments of a clock, tape and wire were found. According to the police, these fragments are now being compared with the two bombs that did not explode.

The dates and locations of the incidents are as follows:

April 22, Spanish National Tourist Office and Mexican Consulate; May 30, outside the studios of WNDT—TV Channel 13; June 21, Spanish National Tourist Office; July 4, Canadian National Tourist Office and two Cuban bars; July 7, Japanese National Tourist Office.

Also, July 10, an alley between the Cuban and Yugoslav missions to the United Nations; July 15, French Government Tourist Office; July 16, Mexican Consulate in Newark, and July 21, Jefferson Book Shop.

Because the offices of six countries trading with Cuba and two Cuban bars have been bombed, the police have theorized that the bombing might be the work of an anti-Cast exile group.

Yesterday in El Tiempo, Spanish-language newspap here, a man described as leader in an exile group call "Cuban Power" denied that h organization was respons for the bombings. He said t group was a "terrorist but n criminal movement."

The leader, who used th pen Ernesto on his letter, sai that other "exile compatriots had been responsible for th series of bombings.